



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)



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The Eastern Iowa DX Bulletin

Number 245, October 25, 2024

Craig Fastenow, KØCF, Editor

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Ohio-Penn DX Bulletin (OPDX)

Edited by Tedd Mirgliotta, KB8NW. Although OPDX is no longer published as a weekly bulletin, Tedd still sends DX news emails.

We will occasionally publish some of them.

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

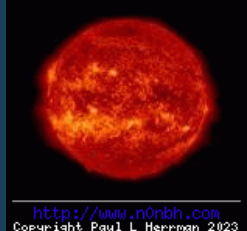
Dr. Tony Phillips' [SpaceWeather.com](http://www.SpaceWeather.com), used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



Solar-Terrestrial Data

26 Oct 2024 1719 GMT
 SFI: 209 SN: 172
 A-Index: 3
 K-Index: 2
 X-Ray: C6.3
 304A: 162.3 @ SEM
 Ptn Flx: 1810
 Elc Flx: 157000
 Aurora: 3/n=1.99
 Mag (Bz): 2.7
 Solar Wind: 465.1
 Geomag Field QUIET
 Sig Noise Lvl S1-S2
 Current Solar Image



<http://www.norbh.com>
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DX News

3B9, RODRIGUES I. Kazu, MØCFW is QRV as **3B9/MØCFW** until **November 27th**. Activity is on the HF bands. He will be active as **3B9KW** in the upcoming CQ WW DX SSB Contest (October 26th-27th), and the CQ WW DX CW Contest (November 23rd-24th). QSL via LoTW.
 -[ARRL DX Bulletin # 39 October 17, 2024] (1018-1129)

3D2/R, ROTUMA I. Antoine, 3D2AG, will leave for Rotuma on October 19th for a research trip lasting **three to four weeks** (depending on the timing of the return boat in November). In his spare time, he will

operate mostly CW and SSB as **3D2AG/p** on 160-6 meters, with a focus on the higher bands. He hopes to complete the setup and be **on the air by October 25th**, so that he can participate in the CQ WW DX SSB Contest (October 26th-27th). Please note that while on the island he will not have access to the Internet, and that for CW he will use a manual iambic paddle and paper logs, which will be digitized after the trip. QSL via [ClubLog's OQRS](#) and LoTW.

-[425DXN # 1746 October 19, 2024] (1018-1115)

3D2/R, ROTUMA I. Members of the Rebel DX Group are QRV as **3D2V** and **3D22 until October 30th**. Activity is on 160 to 10 meters using primarily FT8 in the SuperFox and MSHV modes. QSL via [ClubLog's OQRS](#).

-[ARRL DX Bulletin # 37 October 3, 2024] (1004-1101)

3DA, KINGDOM OF ESOWATINI. Manfred DK1BT, Wolf DL4WK, Annette DL6SAK, Tom DL7BO and Frank DL7UFR will be active as **3DAØDL** from eSwatini from **October 25th to November 9th**. They will operate CW, SSB and digital modes on 160-10 meters with up to five stations. More information can be found on <https://webufr.dl7ufr.selfhost.eu/3da> (logsearch and OQRS included). Upload to LoTW "within 6 months after the DXpedition". QSL via [DL7UFR](#).

-[425DXN # 1741 September 14, 2024] (1025-1108)

5H, TANZANIA. Maurizio, IK2GZU will be active again as **5H3MB** from Tanzania from **October 10th to November 11th**, while doing volunteer work at a local school. In his spare time, he will operate SSB, CW and digital modes on 80-10 meters. QSL via [ClubLog's OQRS](#), LoTW and eQSL, or via [IK2GZU](#).

-[425DXN # 1741 September 14, 2024] (1004-1115)

5R, MADAGASCAR. Janusz, SP9FIH as **5R8WE** and Leszek, SP6CIK as **5R8CI** will be active from Nosy Be (AF-057), Madagascar from **October 23rd to November 6th**. They will operate CW, SSB and FT8 (also SuperFox for 5R8CI) on 40-10 meters with two stations and a focus on 12 and 10 meters. QSLs via [ClubLog's OQRS](#).

-[425DXN # 1743 September 28, 2024] (1018-1108)

5R, MADAGASCAR. Eric, F6ICX will be active again as **5R8IC** from Sainte-Marie Island (AF-090), Madagascar from **October until the end of the year**. He will operate mainly CW on 40-10 meters; during the last two weeks of December he will also be QRV on the QO-100 satellite. QSL via LoTW, [ClubLog's OQRS](#), or via [F6ICX](#).

-[425DXN # 1742 September 21, 2024] (0927-0103)

5V, TOGO. Antonio, IK7WUL, has moved from Benin (TY2AA) to Togo and will be active as **5VØDX** during his spare time, mostly on SSB. The duration of his stay is unknown at present. QSL via [IK7WUL](#).

-[DXNL # 2427 October 9, 2024] (1011-1101)

6Y, JAMAICA. Neil, GØRNU will be QRV as **6Y/GØRNU** from Jamaica, as the last stop of his Caribbean tour, from **October 23rd until November 6th** on 40-6m (SSB, digital modes). For more information see: <https://www.qrz.com/db/6Y/GØRNU>. QSL via eQSL.

-[DXNL # 2429 October 23, 2024] (1025-1108)

7Q, MALAWI. Gerry, W1VE will participate in the CQ WW DX SSB Contest (**October 26th-27th**) as **7Q2T**. He will be operating Don, 7Q6M's station remotely, and will also be QRV on 160-6 meters before the contest. QSL via LoTW.

-[425DXN # 1746 October 19, 2024] (1025-1101)

7Q, MALAWI. Vasco 7Q7CT, Jorge CT1BOL, Vasco D2ACE and Fran EC7R will be active as **7Q1** (just Seven Quebec One) from Lilongwe, Malawi from **October 23rd to November 2nd**, including an entry in the CQ WW DX SSB Contest (October 26th-27th). QSL via [EA7FTR](#).

-[425DXN # 1745 October 12, 2024] (1018-1101)

8R, GUYANA. Aldir, PY1SAD will be active as **8R1TM** from Georgetown, Guyana from **October 12th to November 24th**. He will operate CW, SSB and digital modes on all bands and via satellite. QSL via LoTW, eQSL, QRZ Logbook, or direct to [PY1SAD](#).

-[425DXN # 1743 September 28, 2024] (1011-1129)

9M6, EAST MALAYSIA. Saty, JE1JKL will be active again as **9M6NA** from Labuan Island (OC-133), East Malaysia from **October 23rd to November 25th**. He will participate in the CQ WW DX SSB Contest (October 26th-27th) (SOAB LP) and the CQ WW DX CW Contest (November 23rd-24th) (SOAB HP). QSL via LoTW and [ClubLog's QQRS](#).
-[425DXN # 1745 October 12, 2024] (1018-1129)

BY, CHINA. A group of operators will be QRV as **B4M** as a Multi/Op entry in the CQ WW DX SSB contest (**October 26th-27th**). QSL via LoTW.
-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1101)

C2, NAURU. A large German team (DG2RON, DJ5IW, DJ7TO, DJ9KH, DK3CG, DK5WL, DL1KWK, DL2RNS, DL4SVA, DL6KAC, DL6KVA, DL7JOM, DL7VEE and DL8LAS) will be active as **C21MM** from Nauru (OC-031) on **October 11th to 27th**: six team members will arrive on October 11th, the rest of the team will arrive on October 14th for another 12 days. Plans are to operate CW, SSB, FT8 and RTTY on 160-6 meters with five stations. On FT8 they will be using MSHV multi-stream, but "there is a possibility for using SuperFox-WSJT-X too". More information, QSL policy included, can be found on <https://c21mm.mydx.de/>. QSL via [ClubLog's QQRS](#) (preferred), or via [DL4SVA](#).
-[425DXN # 1735 August 3, 2024] (1011-1101)

CE9, ANTARCTICA. David, F4FKT, operates as **FT4YM** from Dumont d'Urville Base on Petrel Island **until March 2025** and as **FT4YM/p** from the bases Concordia, Little Dome C, and Cape Prud'homme. QSL via [F4FKT](#) or [F5PEP](#).
-[DXNL # 2427 October 9, 2024] (1011-1101)

CQ WW DX SSB CONTEST. The following stations have announced their participation in this year's event on **October 26th-27th**:

ZONE	CALL	CATEGORY	COUNTRY	QSL VIA
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02	VE2DXY	M/2	Canada	LoTW
07	HP3/VA3QR	S0	Panama	VA3QR
07	HQ9X	M/2	Honduras	KQ1F
08	8P5A	SOAB HP	Barbados	LoTW
08	FG4KH	S0	Guadeloupe	LoTW
08	J62K	M/2	St. Lucia	LoTW
08	KP4AA	M/?	Puerto Rico	LoTW
08	PJ7PL	S0 LP	Sint Maarten	N2HX
08	T05A	M/2	Martinique	LoTW
08	V26B	M/M	Antigua	LoTW
08	V47T	M/2	St Kitts & Nevis	LoTW
08	V48K	SOAB LP	St Kitts & Nevis	LoTW
08	VP2MDM	M/S	Montserrat	LoTW
08	WP3C	SOAB LP	Puerto Rico	M00X0
09	9Z4BM	S0	Trinidad & Tobago	9Z4BM
09	FY5FY	S0SB 10m	French Guiana	LoTW
09	FY5KE	S0SB 15m	French Guiana	F6FVY
09	P44W	SOAB	Aruba	LoTW
09	PJ4G	M/?	Bonaire	LoTW
09	PJ4K	SOAB	Bonaire	KU9C
10	HD1A	M/M	Ecuador	LoTW
10	0A7/DD5ZZ	S0	Peru	LoTW
14	CR2B	SOAB	Azores	LoTW
14	LX5M	M/S	Luxembourg	LoTW
14	OZ5W	M/M	Denmark	LoTW
15	IP0A	SOAB	Sardinia	0M2FY
15	TK9R	S0 HP	Corsica	IK8UND
20	C40C	SOAB	Cyprus	LoTW
20	TC0F	M/?	Turkey	LoTW
20	TC2E		Turkey	LoTW
21	4L2M	S0SB 40m	Georgia	EA7FTR
22	AT78I	S0	India	VU2JOS
23	B0A	M/2	China	BA4TB
24	B1Z	M/S	China	LoTW
24	B4M	M/?	China	LoTW
24	B4S	M/S	China	LoTW
26	E2A	M/S	Thailand	LoTW
27	AH0C0	S0	Mariana Isls	LoTW

27	AH2R	M/S	Guam	LoTW
27	JD1BQP	SOAB LP	Ogasawara	LoTW
27	KH0/KC0W	S0	Mariana Isls	KC0W
27	V63CB	S0	Micronesia	LoTW
28	7A2A	M/2	Indonesia	LoTW
28	9M6NA	SOAB LP	East Malaysia	LoTW
28	V85RH	SOAB HP	Brunei	LoTW
30	VK1A	M/S	Australia	LoTW
31	C21MM	M/2	Nauru	DL4SVA
31	KH6J	M/M	Hawaii	AH6OZ
31	KH7M	SOAB HP	Hawaii	LoTW
32	3D2AG/p	S0	Rotuma	3D2AG
32	E6AQ	S0	Niue	LoTW
32	YJ0CA	S0	Vanuatu	VK2YUS
32	YJ0VV	M/2 HP	Vanuatu	K4NHW
32	ZL7IO	S0	Chatham Isls	LoTW
33	CQ3W	SOSB 10m	Madeira	LoTW
36	ZD7W	SOAB	St. Helena	W6NV
37	7Q1	M/?	Malawi	EA7FTR
37	7Q2T	SOAB LP	Malawi	LoTW
38	V55Y	S0	Namibia	DK2WH
39	3B9KW	SOAB HP	Rodrigues	LoTW

Don't forget to check the Announced Operations listing maintained by Bill, NG3K at

<https://www.ng3k.com/Misc/cqs2024.html>.

-[425DXN # 1747 October 26, 2024] (1025-1101)

CT3, MADEIRA IS. Helmut, DF7EE, operates as **CR3W** in the CQ WW DX SSB contest (**October 26th-27th**). QSL via [DL5AXX](#).

-[DXNL # 2429 October 23, 2024] (1025-1101)

D4, CAPE VERDE. Claudio, HB9OAU will be QRV as **D44OA** from Sal Island (AF-086) from **October 24th to November 5th**. Activity will be holiday style on 40 to 6 meters using CW and SSB. This includes being an entry in the upcoming CQ WW DX SSB contest (October 26th-27th). QSL via LoTW.

-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1108)

DL, GERMANY. Special callsign **DF20DCL** marks the 20th anniversary of the DARC Community Logbook for DARC Team SES from **October 18th to November 29th**. The DCL is a web-based application system for a wide range of DARC awards: <https://dcl.darc.de/public/>. QSL: All QSOs will be confirmed automatically via the bureau; or QSL direct via [DL2VFR](#).

-[425DXN # 1747 October 26, 2024] (1025-1129)

DXCC TOP TWENTY. Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of October 24, 2024:

1. P5	DPRK (North Korea)	11. ZS8	Prince Edward & Marion Islands
2. BS7H	Scarborough Reef	12. KH4	Midway Island
3. CE0X	San Felix Islands	13. VK0M	Macquarie Island
4. BV9P	Pratas Island	14. PY0S	Saint Peter And Paul Rocks
5. KH7K	Kure Island	15. KP5	Desecheo Island
6. KH3	Johnston Island	16. VP0S	South Sandwich Islands
7. 3Y/P	Peter 1 Island	17. ZL9	New Zealand Subantarctic Islands
8. FT5/X	Kerguelen Island	18. FK/C	Chesterfield Islands
9. YV0	Aves Island	19. VK0H	Heard Island
10. 3Y/B	Bouvet Island	20. FT/T	Tromelin Island

For the complete list, see <https://clublog.org/mostwanted.php>

-[K0CF October 25, 2024] (1025-1115)

E6, NIUE. Jacek, SP5EAQ will be QRV as **E6AQ** from **October 22nd to November 9th**. This includes being an entry in the upcoming CQ WW DX SSB contest (October 26th-27th). QSL via [SP7DQR](#).

-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1108)

EA, SPAIN. Members of the Cadiz Radio Amateurs Union are QRV with special event call sign **AO7WPD** until **October 27th** to commemorate World Polio Day. Activity is on the HF and VHF bands using CW, SSB, FM, and FT8. QSL via bureau.

-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1101)

EA, SPAIN. Special callsigns **EG3AMCUP** (from **September 15th to October 14th**) and **AO3AMCUP** (from **October 15th to October 28th**) will be used by members of URE's Unio de Radioaficionats de Barcelona i Baix Llobregat (EA3MM) during the 37th America's Cup. A certificate will be available, see <https://www.ure.es/diploma-cq-americas-cup-2024/> for information. QSL via [EA3MM](#), LoTW, eQSL and QRZ Logbook.

-[425DXN # 1742 September 21, 2024] (0920-1101)

EA, SPAIN. Special event station **EG2AMCUP** is QRV **until October 29th** during the 37th America's Cup being held in Barcelona. QSL via [EA3MM](#), [ClubLog's OQRS](#), LoTW.

-[ARRL DX Bulletin # 35 September 19, 2024] (0920-1101)

F, FRANCE. To commemorate the 80th anniversary of the liberation of Wingle during WWII (September 2, 1944), the local radio club (F4KLR) will be active as **TM8ØLW** on **August 31st, September 2nd and for another 13 days until November 9th**. All SSB and CW QSOs will be confirmed automatically via the bureau and eQSL; FT8 QSOs will be confirmed via eQSL.

-[425DXN # 1738 August 24, 2024] (0830-1108)

FG, GUADELOUPE. Philippe, F1DUZ, will be active as **FG4KH** from **October 22nd to November 6th**. For the CQ WW DX SSB Contest (October 26th-27th) he will be joined by M5RIC, GW4XUM, K1XX, and W1MD using the contest callsign **TO2X**. QSL via LoTW, eQSL, or via F1DUZ.

-[DXNL # 2428 October 16, 2024] (1018-1108)

FM, MARTINIQUE. Ops F8AAN, FM5BH, FM5FJ, F5VHJ will participate as **TO5A** in the CQ WW DX SSB contest (**October 26th-27th**). QSL via [F5VHJ](#), for US hams via [WA6WPG](#).

-[DXNL # 2429 October 23, 2024] (1025-1101)

FR, REUNION I. Stephane, F5UOW will be active holiday style as **FR/F5UOW** from Reunion Island (AF-016) on **October 9th-28th**. He will operate CW only on 17-10 meters. QSL only via LoTW.

-[425DXN # 1743 September 28, 2024] (1004-1101)

FY, FRENCH GUIANA. Sebastien, F8DQZ will be active as **FY/F8DQZ** from Macouria, French Guiana from **October 28th to November 8th**. This will be a spare time operation on the HF bands. QSL direct to [F5OZC](#).

-[425DXN # 1747 October 26, 2024] (1025-1108)

G, ENGLAND. A group of operators are QRV as **GB4WPD** **until October 27th** to commemorate World Polio Day. QSL via operators' instructions.

-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1101)

GM, SCOTLAND. Special event station **GB2ZL** (Scotland) will operate CW only on **October 1st-28th** to mark the 100th anniversary of the first amateur radio contact between Great Britain and New Zealand (October 18, 1924). See <https://www.qrz.com/db/GB2ZL> for more information. QSL via LoTW only.

-[425DXN # 1742 September 21, 2024] (0927-1101)

HR, HONDURAS. K1XM, K2TR, KQ1F, N2WQ and W1UE will participate in the CQ WW DX SSB Contest (October 26th-27th) as **HQ9X** from Roatan Island (NA-057), Honduras. They will be there on **October 19th-29th**, with "some operation" also from **October 29th until November 15th**. QSL via [KQ1F](#).

-[425DXN # 1746 October 19, 2024] (1018-1115)

HS, THAILAND. A group of operators will be QRV as **E2A** in the CQ WW DX SSB contest (**October 26th-27th**) as a Multi/Single entry on 80 meters. QSL via LoTW.

-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1101)

HS, THAILAND. Special event station **HS19IARU** will be active from **October 12th to November 10th** for the 19th IARU Region 3 Conference to be hosted in Bangkok by the Radio Amateur Society of Thailand (November 4th-8th, <https://www.iaru3conf2024.org>). QSL via LoTW and [ClubLog's OQRS](#).

-[425DXN # 1745 October 12, 2024] (1011-1115)

I, ITALY. The United Nations Global Service Centre ARC (4U1GSC) in Brindisi is active again as **4U24OCT** **until the end of October**. The special callsign marks United Nations Day (October 24).

DXCC wise, it counts for Italy. QSL via [9A2AA](#).

-[425DXN # 1746 October 19, 2024] (1018-1101)

I, ITALY. Special callsign **I16PRES** will be in use from **October 12th to 27th** to celebrate the 50th anniversary of ARI San Benedetto del Tronto (IQ6SB). QSL via [IK6XEJ](#).

-[425DXN # 1745 October 12, 2024] (1011-1101)

I, ITALY. Celebrating the 100th anniversary of the start of regular radio broadcasting in Italy (October 6, 1924), ARI local branches across Italy will be using special callsigns from **October 1st to December 29th**. The callsigns will be in the format **I1#Rxyz** (e.g. I19RCAT for ARI Catania) and **IR#Rxyz** (e.g. IR1RVDB for ARI Valbormida). In addition, special event station **I1MRTV** will be active from the RAI Radio and Television Museum in Torino. Certificates and electronic QSLs will be available for download from the HamAward platform (direct link from each special callsign's qrz.com page).

-[425DXN # 1743 September 28, 2024] (0927-1227)

J6, ST. LUCIA. Steve, NY3B will be active again as **J68SS** from St Lucia (NA-108) on **October 22nd-29th**. He will be one of the J62K operators during the CQ WW DX SSB Contest (October 26th-27th). QSOs will be uploaded also to ClubLog, eQSL and QRZ Logbook. QSL via [NY3B](#) and LoTW.

-[425DXN # 1746 October 19, 2024] (1018-1101)

J6, ST. LUCIA. Watch for **J68HZ** (K9HZ), **J68CN** (WØCN), **J68KC** (WA4PGM), **J68SS** (NY3B), and **J69DS** to be active on Saint Lucia (NA-108) from **October 21st to 27th** as **J62K**. They will operate in the CQ WW DX SSB Contest (October 26th-27th). QSL J62K via LoTW (preferred) or direct to [K9HZ](#).

-[DXNL # 2428 October 16, 2024] (1018-1101)

JA, JAPAN. Take, JI3DST is active as **JS6RRR** from Miyako Island (AS-079) **until November 25th**, including activity during the CQ WW DX SSB and CW contests. Other callsigns to be used are **JI3DST/6**, **JJ5RBH/6** and **JR8YLY/6** on CW and SSB, as well as **JI3DST/p**, **JJ5RBH/p** and **JR8YLY/p** on FT8. QSOs will be made available for ClubLog and LoTW Matching on the IOTA website.

-[425DXN # 1744 October 5, 2024] (1004-1129)

JD1/O, OGASAWARA. Koutarou, JP1IHD will be QRV as **JD1BQP** from Chichijima Island (AS-031) from **October 21st to November 3rd**. Activity will be on 15 to 6 meters using SSB, FT8, and FT4. This includes an entry in the upcoming CQ WW DX SSB contest (October 26th-27th). QSL direct to [JP1IHD](#).

-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1108)

KHØ, MARIANA IS. Masa, JAØRQV will be active holiday style as **KHØ/JAØRQV** from Saipan, Mariana Islands (OC-086) on **October 25th-27th**. He will operate FT8/FT4, CW and SSB on 40-6 meters, with a focus on 6m. Masa will be accompanied by Nob, JAØJHQ, who will participate in the CQ WW DX SSB Contest (**October 26th-27th**) as **AHØCO**. QSL KHØ/JAØRQV via LoTW, [ClubLog's OQRS](#), or direct to [JAØRQV](#). QSL AHØCO via LoTW, or direct to [JAØJHQ](#).

-[425DXN # 1745 October 12, 2024] (1025-1101)

KH9, WAKE I. Tom, NL7RR is QRV as **NL7RR/KH9** **until November 11th**. Activity is in his spare time, around 0600 to 0800z, on 20-meter SSB. QSL via LoTW.

-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1115)

KP4, PUERTO RICO. W2XX, NØHJZ, and AJ9C join **KP4AA** for the CQ WW DX SSB contest (**October 26th-27th**). QSL via [KP4AA](#) or LoTW.

-[DXNL # 2429 October 23, 2024] (1025-1101)

PA, NETHERLANDS. Special callsign **PH8ØLIB** will be in use from various locations from **September 11th until November 10th** to commemorate the 80th anniversary of the liberation of southern Netherlands in the autumn of 1944. Activity will be on 80-10 meters SSB, CW and digital modes. See <https://www.qrz.com/db/PH8ØLIB> for detailed information. QSL via the bureau.

-[425DXN # 1740 September 7, 2024] (0906-1108)

PJ4, BONAIRE. Operators M5RIC, G4CLA, GW4XUM, W1MD and K2NG are QRV as **PJ4**/home calls. They will be active as **PJ4G** in the CQ WW DX SSB contest (**October 26th-27th**). QSL PJ4G via

LoTW and all others to home calls.

-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1101)

PJ4, BONAIRE. Rich, N6KT, remains active as **PJ4K** until **October 27th**. QSL via [KU9C](#).

-[DXNL # 2429 October 23, 2024] (1025-1101)

PJ7, SINT MAARTEN. Ed, N2HX, plans to put Sint Maarten (NA-105) on the air from **October 20th to December 27th** as **PJ7PL**, including the CQ WW DX SSB Contest (October 26th-27th), the CQ WW DX CW Contest (November 23rd-24th) and ARRL 10-Meter Contest (December 14th-15th). QSL via [N2HX](#).

-[DXNL # 2428 October 16, 2024] (1018-1227)

PZ, SURINAME. Members of the Royal Netherlands Army Signal Regiment (PI4VBD) will be active again as **PZ5JT** during the annual Jungle Warfare Training course in Suriname for **a few weeks in October-November**. The operators will be QRV in their spare time on 40, 20, 17, 15 and 10m SSB using military equipment. QSL direct to [PI4VBD](#).

-[425DXN # 1743 September 28, 2024] (1018-1122)

SV, GREECE. Special callsign **SX8ØFF** will be used from various locations (including Crete as SV9/SX8ØFF) on **October 1st-31st**. The purpose of this activity is to honor the 80 fallen Greek firefighters and aerial firefighting crews who lost their lives in the line of duty. QSL via LoTW, eQSL and QRZ Logbook; paper cards will not be available.

-[425DXN # 1743 September 28, 2024] (0927-1101)

TA, TURKEY. Team **TCØF** will participate in this weekend's CQ WW DX SSB Contest (**October 26th-27th**) from Bozcaada (AS-099). QSL via LoTW, or direct to [TA2BN](#).

-[425DXN # 1747 October 26, 2024] (1025-1101)

TA, TURKEY. Members of the radio club YM1KE celebrate the 101st anniversary of the Turkish republic with the callsign **TC29TC** until the end of **October**. QSL via eQSL.

-[DXNL # 2429 October 23, 2024] (1025-1101)

TA, TURKEY. Special event station **TC1Ø1TC** is QRV until **October 29th** to commemorate the founding of the Turkish republic 101 years ago. QSL via LoTW.

-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1101)

TI9, COCOS I. Sources report that Jose, TI2JJP, is currently active from Cocos Island (NA-012) as **TI9/TI2JJP**. During an early period of FT8 operation he erroneously signed TI9/I2JJP and is working on correcting that mistake. So far, he has been active on 10m.

-[DXNL # 2428 October 16, 2024] (1018-1108)

TR, GABON. Roland, F8EN will be active again as **TR8CR** from Gabon starting in **late October for at least three months**. He will operate CW only. Log search on <http://LesNouvellesDX.fr/voirlogs.php>. QSL via [F6AJA](#).

-[425DXN # 1746 October 19, 2024] (1025-1115)

UA, EUROPEAN RUSSIA. Oleg, RD1A, is a member of the Severnyy Polyus crew and will drift freely around the Arctic until September 2025 and operate as **RI42SP**. The vessel's exact position can be tracked here: https://goradar.ru/vessels_map.php?imo=273295970

-[DXNL # 2427 October 9, 2024] (1011-1101)

V2, ANTIGUA & BARBUDA. N3OC (**V26OC**), K3RA (**V26RA**), KC2GOW (**V26AG**), AA3R (**V26FT**), and K3MTT (**V26T**) are going to operate the CQ WW DX SSB contest (**October 26th-27th**) as **V26B**. QRV before and after the contest with their personal V2 callsigns. QSL V26B via [KA2AEV](#), LoTW, OQRS; others via the operator's home call.

-[DXNL # 2429 October 23, 2024] (1025-1101)

V4, ST. KITTS & NEVIS. N2NT, K5ZD, KM3T, K4ZW will operate as **V47T** during the CQ WW DX SSB contest (**October 26th-27th**). QSL via [W2RQ](#), LoTW.

-[DXNL # 2429 October 23, 2024] (1025-1101)

V4, ST. KITTS & NEVIS. Yuri, VE3DZ will be active as **V4/VE3DZ** from St. Kitts (NA-104) from **October 23rd to November 3rd**. He will participate in the CQ WW DX SSB Contest (October 26th-27th) as V48K. QSL via LoTW, [ClubLog's OQRS](#), or via [VE3DZ](#).
-[425DXN # 1745 October 12, 2024] (1018-1108)

V5, NAMIBIA. Members of Amateur Radio DXpeditions will be active as **V55LA** from Namibia from **October 30th to November 11th**. The team includes LA3BO, LA7THA, LA7WCA, LA8OM, LA9KKA, LB1FI, LB1QI, LB5GI, LB8DC and OE7PGI. They will operate CW, SSB and digital modes on the HF bands, with up to seven stations and a focus on the low bands. Full LoTW upload 6 months after the DXpedition. See <https://www.ardxpeditions.com/dxpeditions/v55la> for information and <https://www.facebook.com/groups/3093983840726129> for updates. QSL via [MØOXO's OQRS](#).
-[425DXN # 1745 October 12, 2024] (1025-1115)

V5, NAMIBIA. Gunter, DK2WH is QRV as **V51WH** from Omaruru **until November 12th**. Activity is on 160 to 10 meters, including 60 meters, using SSB, FT8, and possibly CW. He will be active as **V55Y** in various contests. QSL to [DK2WH](#).
-[ARRL DX Bulletin # 35 September 19, 2024] (0920-1115)

V6, MICRONESIA. Miki, JJ2CJB will be active as **V63CB** from Weno Island (OC-011), Micronesia on **October 25th-29th**. Main activity will be during the CQ WW DX SSB Contest (October 26th-27th); outside the contest he will operate SSB and some CW and FT8 on 80-10 meters. QSL via LoTW, or direct to [JJ2CJB](#).
-[425DXN # 1745 October 12, 2024] (1025-1101)

V7, MARSHALL IS. Don, KW7R is QRV as **V73KW** **until September 2025**. Activity is in his spare time on the HF bands using mostly CW and FT8. QSL via LoTW.
-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1108)

VP2M, MONTSEERRAT. K2DM as **VP2MDM**, NØSMX as **VP2MMX** and ND8L as **VP2MMM** will be active from Montserrat (NA-103) **on October 23rd-28th**. They will participate in the CQ WW DX SSB Contest (October 26th-27th) as **VP2MDM**. Outside the contest they will operate "a lot of FT8/FT4 and a bit of CW" using their individual callsigns. QSL via LoTW, or direct to [K2DM](#).
-[425DXN # 1745 October 12, 2024] (1018-1101)

VK, AUSTRALIA. A group of operators are QRV as **VI4POLIO** **until October 31st** to commemorate World Polio Day. QSL via operators' instructions.
-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1101)

VP2M, MONTSEERRAT. Dennis, NØSMX (VP2MMX), George, K2DM (VP2MDM), and Ray, ND8L (VP2MMM) will activate Montserrat (NA-103) as **VP2MDM** for the CQ WW DX SSB contest (**October 26th-27th**). QSL route is pending.
-[DXNL # 2429 October 23, 2024] (1025-1101)

VU, INDIA. Special event station **AT78I** is QRV **until November 13th** to celebrate 78 years of independence for India. Activity is on the HF bands using CW and SSB. QSL via [VU2JOS](#).
-[ARRL DX Bulletin # 31 August 22, 2024] (0823-1115)

XT, BURKINA FASO. In addition to 160-6m all-mode operations and 2m EME digi, **XT2MD**, the Mediterraneo DX Club's DXpedition to Burkina Faso (**October 31st - November 11th**), will also offer all-mode QSOs via satellite (QO-100). The operator will be Richard, GI4DOH, who "will be more than happy" to arrange skeds (contact him via qrz.com email address). Unfortunately, the air freight of the necessary equipment will increase the cost of the expedition, which is already over budget. Supporting XT2MD with your donations is now more important than ever: <https://www.mdxc.support/xt2md/>. QSL via information at [XT2MD](#) or via [IK2VUC](#).
-[425DXN # 1739 August 31, 2024] (1025-1115)

YJ, VANUATU. Chris, VK2YUS will be QRV as **YJØCA** from Efate Island (OC-035) from **October 23rd to November 4th**. Activity will be on 40 to 10 meters using SSB. This includes an entry in the upcoming CQ WW DX SSB contest (October 26th-27th). QSL direct to [VK2YUS](#).
-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1108)

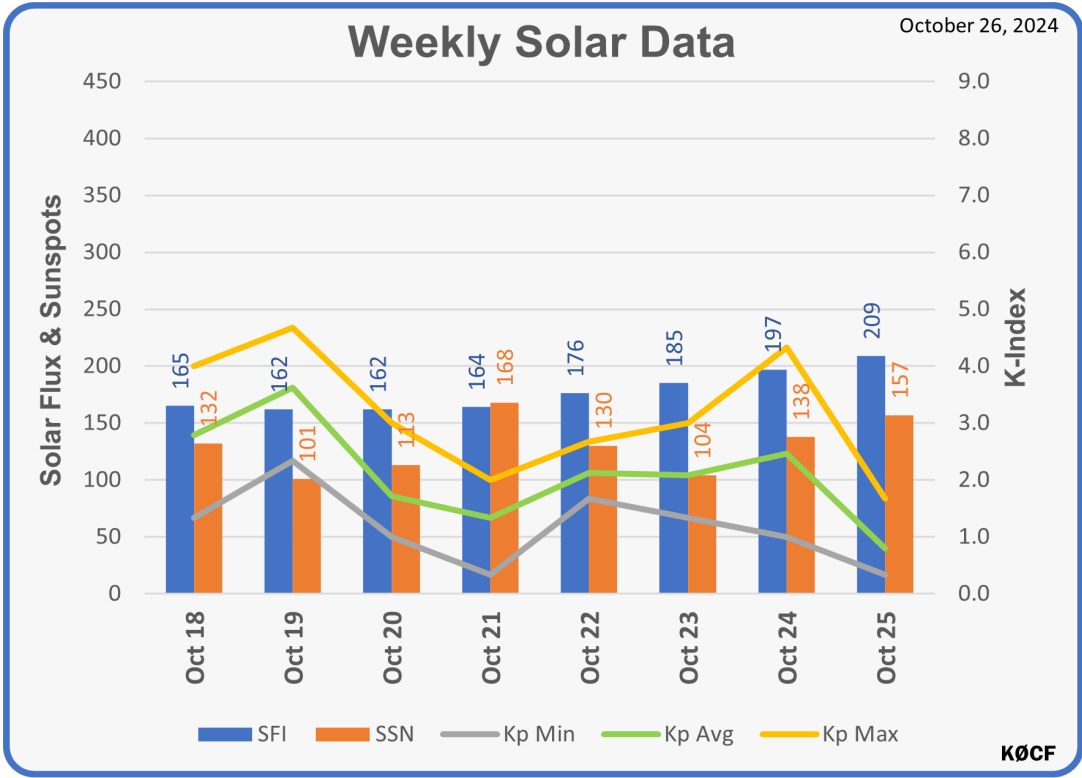
YJ, VANUATU. Team **YJØVV** (namely N4VGE, K4QQG, K1NZ and K2SAV) will be active from Efate (OC-035), Vanuatu on **October 16th-29th**. They will operate SSB, CW and digital modes (also FT8 SuperFox) on 160-6 meters with two high power stations and a choice of seven antennas and will participate in the CQ WW DX SSB Contest (October 26th-27th). QSOs will be uploaded to ClubLog and LoTW. QSL via [K4NHW](#).
-[425DXN # 1743 September 28, 2024] (1011-1101)

ZD7, ST. HELENA. Oliver, W6NV will be QRV as **ZD7W** in the CQ WW DX SSB contest (**October 26th-27th**) and upcoming CQ WW DX CW contest (**November 23rd-24th**). QSL to [W6NV](#).
-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1129)

ZL, NEW ZEALAND. Special event station **ZM1ØØDX** will be QRV from **September 29th to December 26th** to celebrate the very first trans-world QSO between Z4AA and G2SZ. Activity will be on 160 to 6 meters using all modes. In addition, special event station **ZL4AA** will also be active for this event. QSL via operators' instructions.
-[ARRL DX Bulletin # 36 September 26, 2024] (0927-1227)

ZL7, CHATHAM IS. Holger, ZL3IO will be QRV as **ZL7DX** from **October 15th to 31st**. Activity will be on the HF bands. This includes being active as **ZL7IO** in the upcoming CQ World Wide DX SSB contest (October 26th-27th). QSL to [ZL3IO](#).
-[ARRL DX Bulletin # 38 October 10, 2024] (1011-1101)

Propagation (Updated daily)



The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

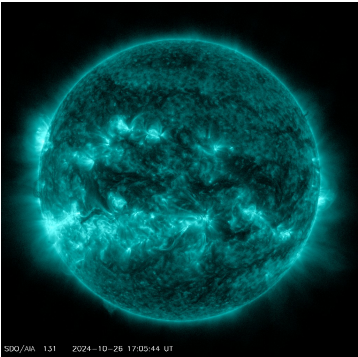
The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows incredible solar detail.

Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!



Propagation Summary

For the 8 day period from Friday, October 18th through yesterday, October 25th.

The average solar flux was 179, down 2 points from the previous week, with a weekly high of 209 on Friday, October 25th, following a low of 162 on October 20th.

The average sunspot count was 130, up 1 from last week, peaking at 168 on Monday, October 21st after a weekly low of 101 on October 19th.

The Planetary K-index weekly average was 3.2 with a maximum of 4.7 on Saturday, October 19th, resulting in generally quiet geomagnetic conditions. Yesterday's K-index maximum was 1.7 with generally quiet conditions.

Solar flare activity since October 19th has been moderate with 7 major flares, the largest of which was a major X 3.3 event on Thursday, October 24th.

Propagation Data

Major solar flares, Saturday, October 19th through 1218 UTC, October 26th.

#	Date	UTC	Mag.
1	Oct 26	0719	X 1.8
2	Oct 26	0623	M 9.5
3	Oct 25	0733	M 1.1
4	Oct 24	1029	M 1.2
5	Oct 24	0357	X 3.3
6	Oct 19	1434	M 1.7
7	Oct 19	0656	M 6.5

(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Oct 26	70%	15%	210
Oct 27	70%	15%	215

Oct 28	70%	15%	220
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Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on October 21, 2024).

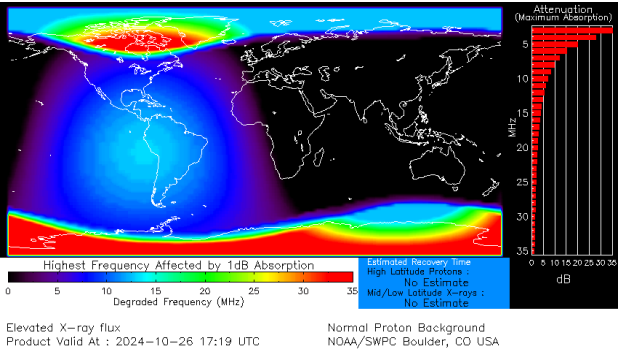
Date	Flux	Kp
Oct 26	150	2
Oct 27	155	2
Oct 28	165	2
Oct 29	170	2

Date	Flux	Kp
Oct 30	170	2
Oct 31	175	2
Nov 1	180	2
Nov 2	185	2

Date	Flux	Kp
Nov 3	180	2
Nov 4	175	2
Nov 5	180	2
Nov 6	180	2

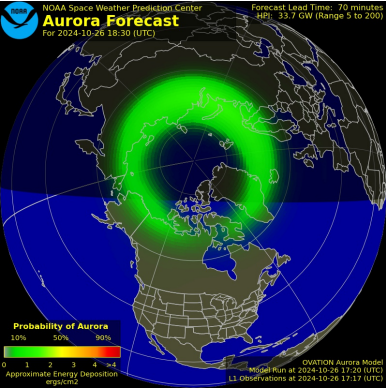
Global D Region Absorption

Conditions in the D-region of the ionosphere have a dramatic effect on HF communications. The D-Region Absorption map combines the effects of solar particles and photons. Yellow to red colors on the map depict increasing signal attenuation, where the bar chart at the right displays attenuation versus frequency. Click the thumbnail below for an animated map of D-Region Absorption:



The Aurora Borealis

The aurora is not only beautiful to see but can have a profound impact on HF and VHF radio propagation. For the HF operator, auroras can result in a complete shut-down of propagation. However, on VHF, auroras present interesting DX possibilities. Beam antennas are very desirable and should be pointed north, towards the aurora. Signals are reflected by “back-scatter” and will be distorted with a rough buzz. SSB is the best voice mode to use, but copy can be difficult. CW will have a rough buzzy sound but be perfectly copyable. Click the thumbnail below for an animated map of aurora versus time:



Highs for Cycle 25

Solar Flux: 336 on August 8, 2024.
Sunspots: 382 on August 10, 2024.

Geomagnetic Storm Watch

NOAA forecasters are predicting a [G1-class](#) geomagnetic storm on Oct. 26th when [a CME](#) is expected

to graze Earth's magnetic field. The CME was hurled into space yesterday by [a powerful solar flare](#) (X3.3) from sunspot AR3869. It is not heading straight for our planet, but even a glancing blow from this potent CME could spark bright auroras at high latitudes.

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Big Sunspots Turn Toward Earth

The sun is about to have a smile on its face. This curved archipelago of sunspots is turning toward Earth:



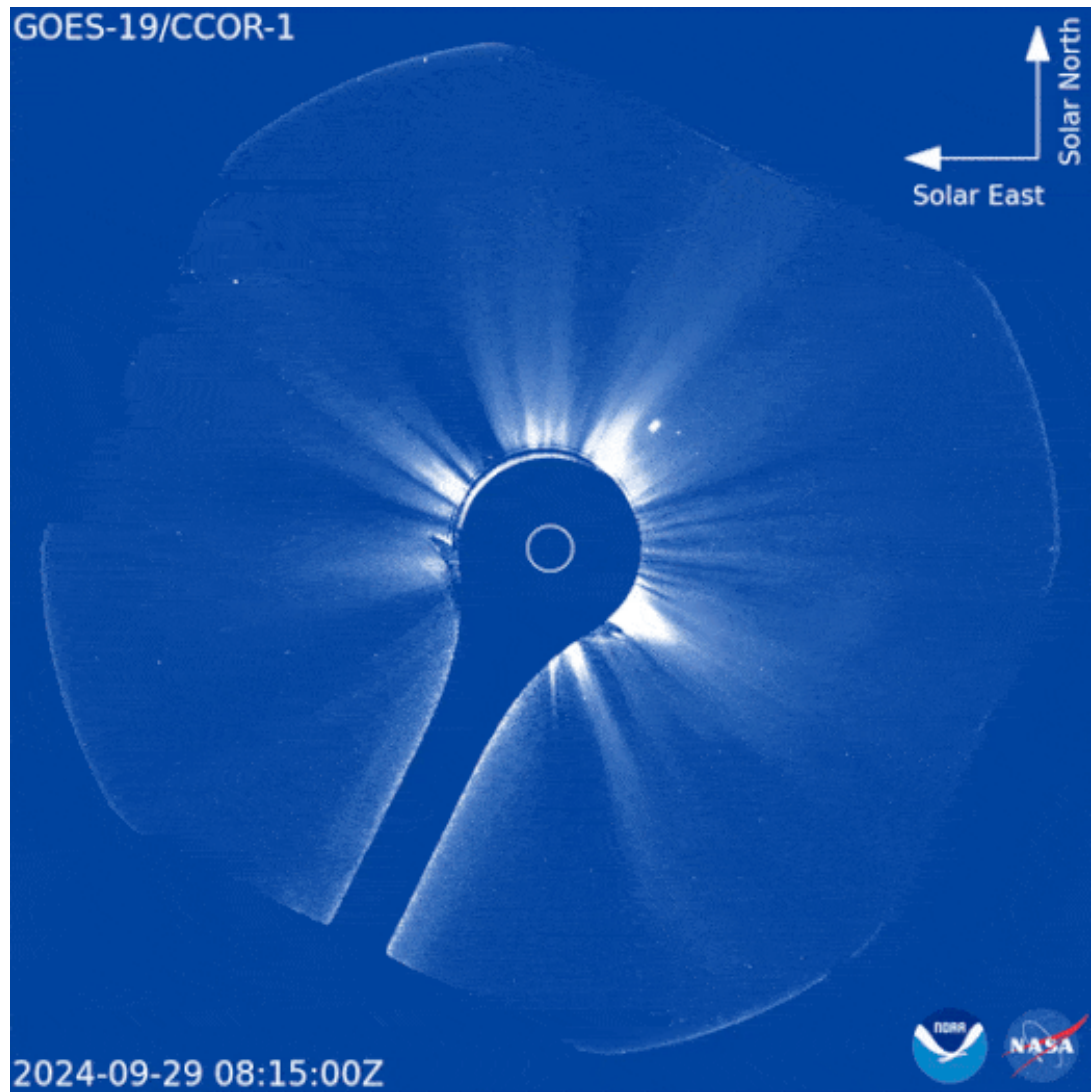
"This is a big group of sunspots!" says photographer Philippe Tosi of Nîmes, France. Indeed, the chain stretches more than 150,000 km from end to end, and most of the dark cores are as large as Earth. These dimensions make it an easy target for astrophotographers.

In a few days, the group will be directly facing our planet, and it will look like the sun is grinning at us. (Copyright © [SpaceWeather.com](#) October 26, 2024. Republished by permission.)

A Big Development in Space Weather Forecasting

Imagine a giant CME heading straight for Earth, but no one knew it was coming. Space weather forecasters have long worried about such a scenario. Our best early warning system for CMEs is a coronagraph onboard the Solar and Heliospheric Observatory ([SOHO](#)), which was launched in Dec. 1995. How long can such an ancient spacecraft be expected to last?

We can stop worrying. Yesterday, NOAA unveiled its replacement, the [CCOR-1](#) solar coronagraph onboard the new [GOES-19](#) satellite:



Using an occulting disk (the dark blue circle at the center of the video) to block the glare of the sun, CCOR-1 delivers uninterrupted monitoring of CMEs with a new image every 15 minutes. GOES-19 is currently undergoing post-launch testing and checkout of its instruments, including the coronagraph. In spring 2025, NOAA will begin using CCOR-1 for regular CME forecasts.

SOHO, meanwhile, will continue monitoring the sun as it has done for almost 30 years. This incredible spacecraft has discovered more than 5000 sungrazing comets and helped forecasters predict hundreds of strong geomagnetic storms. Long may it live!

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Popular Propagation web sites

<https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)

NOAA <https://www.swpc.noaa.gov/>

<https://www.spaceweather.com/>

<https://www.solarham.com/>

<https://dx.qsl.net/propagation/>

A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a

half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!
-[Compiled from information on NOAA.gov and other sources]

Contest Calendar

Weekly Contests

Contest	Start UTC		End	Web Site
K1USN Slow Speed Test	Monday	0000Z	0100Z	Rules
ICWC Medium Speed Test	Monday	1300Z	1400Z	Rules
	Monday	1900Z	2000Z	
	Tuesday	0300Z	0400Z	
CWops Test (CWT)	Wednesday	1300Z	1400Z	Rules
	Wednesday	1900Z	2000Z	
	Thursday	0300Z	0400Z	
	Thursday	0700Z	0800Z	
Weekly RTTY Test	Friday	0145Z	0215Z	Rules
NCCC CW Sprint (NS)	Friday	0230Z	0300Z	Rules

Note: Start Days are in UTC, e.g. Monday at 0000 UTC is Sunday at 7:00 PM in the Central Daylight Saving Time zone, or Sunday at 6:00 PM in the Central Standard Time zone.

Full Calendar

Contest	Start		End		Web Site
CQ Worldwide DX Contest, SSB	Oct 26	0000Z	Oct 27	2400Z	Rules
Ukrainian DX Contest	Nov 2	1200Z	Nov 3	1200Z	Rules
ARRL Sweepstakes Contest, CW	Nov 2	2100Z	Nov 4	0300Z	Rules
WAE DX Contest, RTTY	Nov 9	0000Z	Nov 10	2359Z	Rules
10-10 Int. Fall Contest, Digital	Nov 9	0001Z	Nov 10	2359Z	Rules
JIDX Phone Contest	Nov 9	0700Z	Nov 10	1300Z	Rules
OK/OM DX Contest, CW	Nov 9	1200Z	Nov 10	1200Z	Rules

North American SSB Sprint Contest	Nov 10	0000Z	Nov 10	0400Z	Rules
LZ DX Contest	Nov 16	1200Z	Nov 17	1200Z	Rules
ARRL Sweepstakes Contest, SSB	Nov 16	2100Z	Nov 18	0300Z	Rules
CQ Worldwide DX Contest, CW	Nov 23	0000Z	Nov 24	2400Z	Rules
ARRL 160-Meter Contest	Dec 6	2200Z	Dec 8	1600Z	Rules
ARRL 10-Meter Contest	Dec 14	0000Z	Dec 15	2359Z	Rules
OK DX RTTY Contest	Dec 21	0000Z	Dec 21	2400Z	Rules
Croatian DX Contest	Dec 21	1400Z	Dec 22	1400Z	Rules
ARRL Rookie Roundup, CW	Dec 22	1800Z	Dec 22	2359Z	Rules
RAC Winter Contest	Dec 28	0000Z	Dec 28	2359Z	Rules
Stew Perry Topband Challenge	Dec 28	1500Z	Dec 29	1500Z	Rules
ARRL RTTY Roundup	Jan 4	1800Z	Jan 5	2400Z	Rules
ARRL Kids Day	Jan 4	1800Z	Jan 4	2359Z	Rules
YB DX Contest	Jan 11	0000Z	Jan 11	2359Z	Rules
North American QSO Party, CW	Jan 11	1800Z	Jan 12	0600Z	Rules
Hungarian DX Contest	Jan 18	1200Z	Jan 19	1200Z	Rules
North American QSO Party, SSB	Jan 18	1800Z	Jan 19	0600Z	Rules
ARRL January VHF Contest	Jan 18	1900Z	Jan 20	0359Z	Rules
CQ 160-Meter Contest, CW	Jan 24	2200Z	Jan 26	2159Z	Rules
BARTG RTTY Sprint	Jan 25	1200Z	Jan 26	1200Z	Rules
Winter Field Day	Jan 25	1700Z	Jan 26	1700Z	Rules

-[Contest data courtesy of the [WA7BNM Contest Calendar](#)]